

## **Dr. Knut I. Oxnevad**

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Over the last five years, Dr. Knut I. Oxnevad has been setting up and leading state-of-the-art concurrent design teams for space payloads, satellites, and surface/subsurface systems at the Jet Propulsion Laboratory (JPL). His teams are called the Next Generation Project Development Teams (NPDT). Dr. Oxnevad received his Ph.D. from Old Dominion University in 1996, where he proposed a new design approach for spacecraft. Ideas from his research were later implemented into the NPDT. In 2000, he defined and published the eight principles of concurrent design, enabling radical changes in current design process approaches. He is a graduate of International Space University, and serves as a visiting scholar at Stanford and as a visiting researcher at The Japanese Space Agency (NASDA). He has published ten papers, completed a dissertation, and given more than 30 talks at institutions and conferences in the U.S., Europe, and Japan on the topics of concurrent design and design process improvements. He has received international awards for his work, and consults NASA and national and international institutions on fundamental design process improvements. He also chairs the annual New Design Paradigms Workshops, started last year.